

Southowram Urban Sanitary

AUTHORITY.

Annual Report


OF THE

MEDICAL OFFICER OF HEALTH,

FOR 1897.

B. E. I. EDWARDS, Medical Officer of Health.

J. HARTLEY, "Echo" Office, Brighouse.



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ANNUAL REPORT

FOR THE YEAR 1897.

*To the Chairman and Members of the Southowram
Urban District Council.*

GENTLEMEN,

I beg to lay before you my Report on the Vital Statistics and Sanitary Conditions for the year 1897.

The Death Rate for the year is slightly under the average; there has not been any great incidence of Infectious Disease, and the general Sanitary Condition of the District may be regarded as fairly satisfactory.

Through the kindness of the Chairman of the Board, I am enabled to add a Table of the Rainfall in the District during the year.

I beg to remain, Gentlemen,

Your faithful Servant,

B. E. I. EDWARDS, M.B. & C.M.

F.R.I.P.H.

Medical Officer of Health.

VITAL STATISTICS.

Acreage.—At the census of 1891 the area of the Board's district was returned at 1,825 acres.

Population.—The population was 3,058, consisting of 1,596 males and 1,462 females. The number of inhabited houses was 622, while 59 were uninhabited. The population estimated to the middle of 1897, and which forms the basis of the following calculations, is 3,125.

Births.—The births during the year number 70, composed of 37 males and 33 females, being equivalent to an annual rate of 22·40 per thousand, as compared with 19·02 last year, and an average for the previous five years of 21·38.

Deaths.—The deaths number 58. Of these 6 were non-residents; of these 6, four were reported to the Coroner, and the other 2 were inmates of the Shibden Industrial School. Of the 52 Residential Deaths, 29 were males and 23 females, being equivalent to an annual rate of 16·64 per thousand, as compared with 11·28 last year, and an average for the preceding 5 years of 18·57.

Table E, which gives among other information the death rates for each month of the year, shews that the bulk of the deaths occurred in infants, and during the middle years of life, from 25 to 65; the percentage being 69·1 of the total deaths.

Respiratory Diseases account for 24·9 per cent., phthisis for 15·36 per cent., a very large figure; and Infectious Diseases for 5·7 per cent.

Five of the Residential Deaths were reported to the Coroner.

The Infant Mortality is 228.

INFECTIOUS DISEASES.

Ten cases of Infectious Disease have been notified, of which an analysis will be found in Table G.

In the two cases where death ensued, and faults in drainage were discovered, they have been remedied.

DRAINAGE.

The two sections of the Marsh Drainage Scheme are now practically complete.

Two groups of cottages turning sewage into the Red Beck have been provided with cesspools.

FOODS AND DRUGS.

One sample of milk taken was reported to be genuine milk, and of superior quality.

FACTORIES AND WORKSHOPS.

The factories and workshops in the district coming under the above Act have been inspected and found to be in good sanitary condition.



(A) TABLE OF DEATHS during the Year 1897, in the Southowram Urban District, classified according to DISEASES, AGES, and LOCALITIES.

[illegible]

**(B) TABLE of Population, Births, and of New Cases of Infectious
Sickness, coming to the knowledge of the Medical Officer of Health, during
the year 1897, in the Southowram Urban District; classified according to
DISEASES, AGES and LOCALITIES.**

POPULATION AT ALL AGES.		Registered Births.	Aged under 5 or over 5	NEW CASES OF SICKNESS IN EACH LOCALITY, COMING TO THE KNOWLEDGE OF THE MEDICAL OFFICER OF HEALTH.														NUMBER OF SUCH CASES REMOVED FROM THEIR HOMES IN THE SEVERAL LOCALITIES, FOR TREATMENT IN ISOLATION HOSPITAL.																		
Last Census.	Estimated to middle of 1897.			1	2	3	4	5	FEVERS.				8	9	10	11	12	13	1	2	3	4	5	FEVERS.				8	9	10	11	12	13			
(b)	(c)	(d)		Smallpox	Scarlatina	Diphtheria	Membranous Group	Typhus	Enteric or Typhoid	Continued	Relapsing	Puerperal	Cholera	Erysipelas	Smallpox	Scarlatina	Diphtheria	Membranous Group	Typhus	Enteric or Typhoid	Continued	Relapsing	Puerperal	Cholera	Erysipelas	Smallpox	Scarlatina	Diphtheria	Membranous Group	Typhus	Enteric or Typhoid	Continued	Relapsing	Puerperal	Cholera	Erysipelas
3058	3125	70		3			1			1		2		3																						

TABLE C. 1897.

SOUTHOWRAM SANITARY DISTRICT.

MEDICAL OFFICER OF HEALTH, B. E. I. EDWARDS.

SANITARY INSPECTOR, R. NICHOLL.

WATER SUPPLY—

No. of Houses having constant Public Supply, about 100.
Obtained from Halifax.

Gathering Grounds Situated at Ogden Moor.

Quality Good. Action on Lead, Slight.

Any extensions or change during 1897: 10 houses supplied.

SEWAGE DISPOSAL—

Treatment now in operation, Settling Tanks and irrigation.

ADOPTIVE ACTS—

Public Health Acts (Amendment) Act, 1890, Parts 3; adopted, 1897.

LOCAL GOVERNMENT BOARD.

Scheme before L. G. B. None.

L. G. B. Inquiries. None

L. G. B. Inspection. None.

SPECIAL REPORTS by M.O.H. during 1897. None.

ISOLATION HOSPITAL—Any action during 1897?—No.

MISCELLANEOUS—

Number of Houses built during 1897, 1. General character, Farm House.

Is House-to-house Inspection systematically made?—Yes.

Total No. of Nuisances in hand at close of 1896, 4. At close of 1897, 1. Reported during 1897, 46. Abated during 1897, 45.

Total No. of Summonses or other Legal Proceedings. None.

No. of Sink wastes disconnected during 1897, 15.

„ „ trapped „ „ 15.

No. of Closets constructed during 1897, 5. Kinds, 3 Privy Middens and 2 Goux.

WHAT ACTION HAS BEEN TAKEN IN REGARD TO THE
FOLLOWING MATTERS?

Houses unfit for habitation, None. Overcrowding, None.

Seizure of Unsound Food, None. Prosecutions, None.

Samples under Sale of Food and Drugs Acts, 1 taken.
Prosecutions, None.

River Pollution. Two cases of untreated sewage abated.

Smoke Abatement, None. No. of observations taken,
None.

Schools—No. in District, 2. No. closed on account of
outbreaks of disease, None.

Burial Grounds—No. in Districts, 3. Any need for
extensions?—No.

BIRTHS*—Males, 37 ; Females, 33 ; Total 70.

Number illegitimate, included in the above. Unknown.

Any information as to Still Births. None.

DEATHS*—Males, 29 ; Females, 23 ; Total 52.

Number uncertified, included in the above, None.

RATEABLE VALUE as stated in Valuation List	Value upon which the General District Rate is Assessed.			Rate in the £ 1897.
	Full Rateable Value (Houses, etc.)	One-fourth Rateable Value (Land, etc.)	Two-thirds Rateable Value (where owner is assessed).	
(1)	(2)	(3)	(4)	
£11,221 10s. 0d.	£7,521 0s. 0d.	£925 2s. 6d.		2s. 6d.

(D) TABLE OF BIRTH AND DEATH RATES, &c., for 1897,
and for the preceding Ten Years.

	1887	1888	1889	1890	1891	1892	1893	1894	1895	1896	1897
Birth Rate	25.3	22.4	23.3	22.4	23.2	21.9	20.2	20.5	25.3	19.02	22.04
Death Rate	18.0	13.5	18.1	21.2	14.8	22.3	18.9	19.2	21.2	11.28	16.64
Respiratory Death Rate...	2.6	2.3	3.9	6.2	5.2	4.4	5.8	3.7	6.5	1.98	4.16
Phthisis Death Rate.....	3.2	2.0	1.9	2.6	1.7	4.1	2.4	2.4	2.0	0.99	2.56
Zymotic Death Rate.....	0.7	1.3	2.2	1.0	0.7	2.7	0.0	1.0	1.0	0.64	0.96

TABLE E.

Monthly Table of Births and Deaths, etc., 1897.

Months.	Births. Deaths				Ages of the Dying.							CAUSES OF DEATH.												Death Rate per 1,000 on the Estimated Monthly Population 260	Uncertified Deaths	Reported to Coroner	Per cent. of the Deaths.			
	Births.		Deaths.		Ages of the Dying.							Infectious Diseases.						Other Prev. Dis.			Viol'nt Deaths									
	Male	Female	Male	Female	0 to 1 year	1 to 5 years	5 to 15 years	15 to 25 years	25 to 65 years	65 years & upwards	Smallpox	Scarlatina	Enteric Fever	Diphtheria & Group	Typhus	Erysipelas	Puerperal Fever	Other Infect. Dis.	Phthisis	Pneumonia	Other Resp. Dis.	Diarrhoea	All other Diseases					Accident	Suicide	Homicide
January	5	4	9	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	15.38	2	...
February	4	3	7	4	2	1	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	19.92	...	...
March	2	5	7	5	2	1	2	2	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	34.61	...	...
April	2	1	3	1	1	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	11.53	1	...
May	5	6	11	4	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	23.07	...	...
June	3	2	5	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	15.38	...	...
July	6	4	10	0	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3.84	...	...
August	1	3	4	2	1	1	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	15.38	...	...
September	1	1	2	1	2	2	2	2	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7.69	...	...
October	4	2	6	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	19.2	1	...
November	2	1	3	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3.84	1	...
December	2	1	3	1	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	23.04	...	...
Totals	37	33	70	29	16	5	1	3	20	7	1	1	1	1	8	2	11	2	28	2	2	2	2	2	2	2	2	...	...	...
22.40pr mille.				16.64pr mille.				13.44				...	1.92	1.92	1.92	3.84	21.12	53.76												

(F) TABLE SHEWING DEATHS REGISTERED FROM ALL CAUSES
DURING THE YEAR 1897.

[illegible]

(G) TABLE OF REPORTED CASES OF INFECTIOUS DISEASE.

MONTH.	DISEASE.	RESULT.	REMARKS ON CONDITION OF PREMISES, &C.
March	Puerperal Fever	Death	Good
April	Croup	Death	Untrapped Drains
May	Scarlatina	Recovery	Drains into Cesspool
June	Puerperal Fever	„	Good
	Erysipelas	„	Bad Smells in House
August	Scarlatina	„	Good
	Scarlatina	Death	Bad Stone Drains & Cesspool
September	Erysipelas	Recovery	Good
November	Erysipelas	„	Good
December	Continued Fever	„	Drains into Cesspool

TABLE H.—RAINFALL in 1897, at **HALL INGS,**
SOUTHOWRAM, in the County of York.

Rain Guage—Diameter of Funnel, 5in.; Height of Top
above Ground, 7in.; above Sea Level, 750ft.

Month.	Total Depth.	Greatest fall in 24 Hours.		Number of Days on which .01 or more fell.
		Inches.	Depth.	
January ...	2.96	.78	7	18
February	3.49	.79	5	18
March ...	3.36	.50	14	23
April ...	2.24	.39	17	16
May ...	.93	.28	28	11
June ...	4.09	1.12	28	15
July ...	.65	.19	25	8
August ...	2.99	.44	6	20
September	3.08	.60	2	15
October ...	1.83	.80	14	13
November	3.63	1.10	30	16
December	3.80	.92	7	19
Total ...	33.05			192

The Rainfall for 1897 has been .78ins. above the average for the preceding seven years.

The maximum shade temperature was 82 on Aug 4th.

The minimum shade temperature was 21 on Feb. 24th and 26th.

(Signed) GEORGE E. ASPINALL.

SOUTHOWRAM SANITARY DISTRICT.

Inspectors' Report of Sanitary Work, &c., completed in the
year ending December 31st, 1897.

Number of complaints received during the year	..	...	44
Number of inspections made	...	...	251

RESULTS OF INSPECTIONS.

Orders issued for sanitary amendments of houses and premises	1
Houses disinfected after infectious disease	... .. 8
Houses, premises, &c., cleansed	... .. 2

HOUSE DRAINS.

Repaired, cleansed, &c.	...	...	...	6
Trapped or ventilated	...	...	...	15

PRIVIES AND WATER CLOSETS.

Repaired, cleansed, &c.	...	...	...	2
New provided	...	...	...	5

ASH PITS.

New provided	2
Repaired, covered	<i>nil</i>

WATER SUPPLY.

Houses supplied with water	10
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STREETS DRAINED.

Names and number connected to new drainage, viz., Marsh, 18 houses; Toft House, 1; Dark Lane, 1; Chapel Lane, 1	21
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MISCELLANEOUS.

Number of lodginghouses registered under 35 clause of Sanitary Act 1866	<i>nil</i>
Removal of accumulation of dung, stagnant water, animal or other refuse	...	...	...	...	...	1
Removal of animals improperly kept	...	...	...	...	...	<i>nil</i>
Number of licensed slaughterhouses regularly inspected	...	...	...	...	...	<i>nil</i>
Other proceedings, e. g., legal proceedings	...	...	...	...	...	<i>nil</i>
Number of nuisances left unabated, ending 1896	...	...	...	...	...	4
„ „ abated, during 1897	...	...	...	...	...	45
„ „ unabated, ending 1897	...	...	...	...	...	1

(Signed) R. NICHOLL,

Nuisance Inspector to Urban District Council,
Southowram.

